2nd and Part Bill

004-23-000002

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

YNK-DBR No.....

Date.....

Head of Account **AEE, YSTSD**

Job Number :

SBR No: 02/24-25

Date: 6/4/2024

Division: Yelahanka Division

Bill Received No. ..... Date.....

Scheduled Docted No.

Sub division: Yelahanka Division

Cash Book Voucher No..... dated.....

Name Of work : - Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Name of Contractor and Full Address: **M/s Sri S. R Mohan Kumar,Sulikere, Kengereri Hobli, Sulikere Post, bangalore-560060.**

Reference to Work order No. BBMP/EE/YNK.D/EPMT-06/WO/36/2022-23 Dated 03/09/2022

Certified that the measurement were taken by me on 03-01-2024 and recorded of pages 494673 to 494686 of measurement Book No: 4947 ..... and that the work is satisfactorily executed.

Contractor :

Officer-In-Charge of work

Certified that the measurements were taken by me on 08/02/2024 ..... and are found correct and the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	Total	9115 8700:00
2) Deduct amount to be held in reserve being.....percent Rs.....		
3) Deduct amount to be held in Balance	1st part	2193 8700:00
4) Deduct Payments:		
a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No.....	2nd part	6922 0000:00
Amount adjusted towards cash advance recovery of	IT	692200:00
b) Payments cost store or other materials supplied	LC	692200:00
Now made recovery of amount creditable to this/other work	CBT	69220:00
Amount paid on this bill Cheque/Cash	CGST	586610:00
5) Balance being unpaid value of work done held in reserve	SGST	586610:00
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments	EOT	18000:00
7) Net amount due to or from contractor	LR	7,20,000:00
Unadjusted items	T.D	33 65340:00
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	Net	6,58,54,660:00

Contractor's Signature

Received Rs.

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by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated..... Signature of Contractor

Stamp

Paid by me by cheque No.....dated.....

Cast Rs.....dated.....

Initials of Officer making payment

Audited & Admitted for Rs. 6,92,20000:00

(For use in the Office)

6,58,54660:00 by Cheque

and Rs. 33,65340:00 by adjustment

Accts. Subdn. Yelahanka Division BBMP

Exe. Engineer Yelahanka Division BBMP

Executive Engineer

BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Name Of work : -Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Job Code :- 004-23-000002

Name of Agency :- M/s Sri S. R Mohan Kumar

Bill No : 2nd and Part Bill

Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up do date		Remarks
					Qty	Rate	Amount	Qty	Amount	Qty	Amount	
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead By Mechanical Means - Cement Concrete Grade M-15 & M-20 (P.No. 8, V-III, I.No. 2.8 A -of CSR 2021-22)	Cum	283.62	977.38	0.00	977.38	0.00	283.61	277193.13	283.61	277193.13	
2	Removing and resetting of footpath slab (Approved Rate)	Sqm	1430.37	260.71	629.37	260.71	164083.05	800.91	208805.25	1430.28	372888.30	
3	Dismantling kerb stone by manual means and disposal of dismantled material with all lifts and lead (V-3,P.No.10, I.No.2.21 of PWD S.R 2021-22)	m	0.00	19.97	0.00	19.97	0.00	0.00	0.00	0.00	0.00	
4	Removing and resetting of kerb stones(Approved Rate)	m	1155.30	130.91	353.50	130.91	46276.69	801.80	104963.64	1155.30	151240.32	
5	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.(V-I.No 1.4.1,Page No-5 of PWD SR 2021-22)	Cum	4679.75	337.26	2153.84	337.26	726403.44	2525.88	851877.49	4679.72	1578280.93	
6	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-I, No-2.1.3, P.No-15 of PWD SR 2021-22).	Cum	999.22	6381.25	281.21	6381.25	1794455.36	718.00	4581744.97	999.21	6376200.33	

Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up do date		Re
					Qty	Rate	Amount	Qty	Amount	Qty	Amount	
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2of PW, P&IWTD S.R 2021-22)	Cum	1322.56	7287.40	632.76	7287.40	4611151.90	689.80	5026845.61	1322.56	9637997.51	
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. (V-III,P.No.99, I.No.13.1.2of PW, P&IWTD S.R 2021-22) Issue Rate dated on 07-04-2022	Tonne	80.21	114632.80	37.94	114632.80	4348702.66	42.24	4841520.50	80.17	9190223.16	
9	Providing and fixing precast reinforced cement concrete covering slabs of 10cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work (Data Rate)	Sqm	3620.71	2089.70	1455.12	2089.70	3040764.26	2165.57	4525393.72	3620.69	7566157.98	
10	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate).	Sqm		5080.03	49.54	5080.03	251664.69		0.00	49.54	251664.69	
	Qty up to 125%		98.75	5080.03			0.00	49.21	249988.28	49.21	249988.28	
	Qty above 125%		9.11	5123.22			0.00	9.11	46672.53	9.11	46672.53	
11	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)	Nos	7128.00	511.33	1517.00	511.33	775687.61	5611.00	2869072.63	7128.00	3644760.24	
12	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (V-III No-8.10,P No-56 of PWD BCSR 2021-22)	Sqm	1443.47	94.30	0.00	94.30	0.00	1443.47	136119.17	1443.47	136119.17	

Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up do date		Remarks
					Qty	Rate	Amount	Qty	Amount	Qty	Amount	
13	Construction of Median and Island above road level with approved material deposited at site from roadway cutting and excavation for drain and foundation of other structures, spread, graded and compacted as per clause 408 (V-3,P.No.25, I.No.4.29 of PW, P&IWTD S.R 2021-22)	Cum	42.05	321.72	0.00	321.72	0.00	42.02	13518.66	42.02	13518.66	
14	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications. (V-2,P.No.64, I.No.9.31 of PW, P&IWTD S.R 2021-22)	Sqm	1556.43	1205.91	0.00	1205.91	0.00	1556.38	1876860.11	1556.38	1876860.11	
15	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work (V-I, P.No-8, I No-1.12)	Cum	1588.81	72.11	0.00	72.11	0.00	1588.56	114551.06	1588.56	114551.06	
16	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III No-4.27 A,P No-24 of PWD BCSR 2021-22)	Cum	613.72	2655.89	0.00	2655.89	0.00	613.71	1629952.63	613.71	1629952.63	
17	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (V-III No-5.1 A,P No-29 of PWD BCSR 2021-22)	Sqm	2902.91	48.81	0.00	48.81	0.00	2899.87	141542.63	2899.87	141542.63	
18	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom. (V-III No-5.3,P No-29 of PWD BCSR 2021-22)	Sqm		13.31	5325.95	13.31	70888.39		0.00	5325.95	70888.39	
	Qty up to 125%		24105.25	13.31			0.00	18779.30	249952.48	18779.30	249952.48	
	Qty above 125%		2436.26	13.32			0.00	2436.01	32447.71	2436.01	32447.71	

					13.31			13.31	70888.39		141542.63	2899.87	141542.63
			2436.26	13.32								

							0.00		0.00		5325.95	70888.39
							0.00	18779.30		18779.30		
								2436.01	249952.48	2436.01	249952.48	
									32447.71		32447.71	

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Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up do date		Remar
					Qty	Rate	Amount	Qty	Amount	Qty	Amount	
19	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (V-III No-5.12 C ,P No-33 of PWD BCSR 2021-22)	Cum	195.07	10970.82	49.92	10970.82	547663.33	145.10	1591856.11	195.02	2139519.44	
20	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (V-III, P.No.36, I.No.5.16C of PWD SR 2021-22).	Cum		12792.45	173.10	12792.45	2214398.68		0.00	173.10	2214398.68	
	Qty up to 125%		762.69	12792.45			0.00	589.59	7542243.03	589.59	7542243.03	
	Qty above 125%		259.03	12791.92			0.00	259.00	3313169.70	259.00	3313169.70	
21	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes (V-III No-8.15,P No-57 of PWD BCSR 2021-22)	Sqm		530.29	0.00	530.29	0.00		0.00	0.00	0.00	
	Qty up to 125%	Sqm	602.00	530.29			0.00	602.00	319234.58	602.00	319234.58	
	Qty above 125%	Sqm	781.43	530.27			0.00	781.29	414292.00	781.29	414292.00	
22	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates(V-I,I No-2.11, P.No-15of KPWD SR 2021-22)	Cum	158.00	5520.36	0.00	5520.36	0.00	157.93	871845.64	157.93	871845.64	

Executive Engineer

Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up do date		Remarks
					Qty	Rate	Amount	Qty	Amount	Qty	Amount	
23	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work(V-III No-20.29,PNo-138 of PWD BCSR 2021-22)	Cum	237.00	7584.94	0.00	7584.94	0.00	236.99	1797571.05	236.99	1797571.05	
24	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22)	t.Km	6268.56	106.50	0.00	106.50	0.00	6267.15	667451.23	6267.15	667451.23	
25	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material to the appropriate disposal area as per direction of Engineer-in-charge Asbestos cement sheet (P.No.165, V-II, I.No.19.27.2 of PWD SR 2021-22)	Sqm	616.00	430.45	0.00	430.45	0.00	616.00	265157.20	616.00	265157.20	
26	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge.**In cement mortar(V-II, I.No 19.7.3, Page No-163 of PWD SR 2021-22)**	Cum	312.35	875.31	0.00	875.31	0.00	312.35	273404.83	312.35	273404.83	
27	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer in-charge. In cement mortar (P.No.163, V-II, I.No.19.9.2 -of PWD SR 2021-22)	Cum	105.88	1431.12	0.00	1431.12	0.00	105.88	151521.26	105.88	151521.26	
28	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.**In all kinds of soils Depth upto 3 m (I. No 1.14.1, P. No-8 of PWD & IWTD, Vol-1 SR 2021-22)**	Cum	373.63	80.99	0.00	80.99	0.00	373.63	30260.12	373.63	30260.12	

Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up to date		Remarks
					Qty	Rate	Amount	Qty	Amount	Qty	Amount	
29	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work. **In soft rock without blasting upto 1.5m depth (I. No 1.15.1, P. No-8 of PWD & IWTD, Vol-1 SR 2021-22)**	**Cum**	160.13	301.76	0.00	301.76	0.00	160.13	48319.68	160.13	48319.68	
30	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyriphos 20% E.C. / Lindane 20% E.C. @3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications. (I. No 4.1, P. No-5 of PWD & IWTD, Vol-2 SR 2021-22)	**Sqm**	483.72	105.39	0.00	105.39	0.00	483.72	50979.25	483.72	50979.25	
31	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates.**	**Cum**	56.06	6891.75	0.00	6891.75	0.00	56.06	386368.73	56.06	386368.73	
32	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately). **M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregate**	**Cum**	81.32	7530.36	0.00	7530.36	0.00	81.32	612368.88	81.32	612368.88	
33	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	**Cum**		6015.15	0.00	6015.15	0.00		0.00	0.00	0.00	
	Qty up to 125%	**Cum**	212.49	6015.15			0.00	212.49	1278144.19	212.49	1278144.19	

Cast Rs.....

Initials of Officer making payment

Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up do date		Remarks
					Qty	Rate	Amount	Qty	Amount	Qty	Amount	
	Qty above 125%	Cum	72.72	6014.90			0.00	72.72	437418.57	72.72	437418.57	
34	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge.	Sqm		221.88	0.00	221.88	0.00		0.00	0.00	0.00	
	Qty up to 125%	Sqm	90.78	221.88			0.00	90.78	20141.16	90.78	20141.16	
	Qty above 125%	Sqm	30.31	221.87			0.00	30.31	6723.77	30.31	6723.77	
35	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	111.16	226.32	0.00	226.32	0.00	111.16	25158.07	111.16	25158.07	
36	Supplying and filling in plinth with sand under floors, foundation of Bridges including watering, ramming, consolidating and dressing complete.	Cum	111.16	2415.16	0.00	2415.16	0.00	111.16	268472.81	111.16	268472.81	
37	Removal of Unserviceable Soil with Disposal upto a suitable distance as directed by the Engineer incharge of work	Cum	529.39	35.50	0.00	35.50	0.00	529.39	18793.33	529.39	18793.33	
38	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, **Sub structure** works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates.**	Cum	33.84	7686.90	0.00	7686.90	0.00	33.84	260114.20	33.84	260114.20	
39	Providing and laying in position Reinforced cement concrete for all Super structures of building, Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately). **M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates. Ground Floor Column**	Cum	23.91	7922.42	0.00	7922.42	0.00	23.91	189399.71	23.91	189399.71	

Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up do date	
					Qty	Rate	Amount	Qty	Amount	Qty	Amount
40	**Terrace Column**	**Cum**		8001.64	0.00	8001.64	0.00		0.00	0.00	0.00
	Qty up to 125%		6.89	8001.64			0.00	6.89	55111.30	6.89	55111.30
	Qty above 125%		21.71	8001.32			0.00	21.71	173719.06	21.71	173719.06
41	**Ground Floor oof Beams**	**Cum**		8642.64	0.00	8642.64	0.00		0.00	0.00	0.00
	Qty up to 125%		192.79	8642.64			0.00	192.79	1666192.96	192.79	1666192.96
	Qty above 125%		26.36	8642.29			0.00	26.36	227837.68	26.36	227837.68
42	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately). **M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates. Ground Floor Cill Concrete**	**Cum**	3.97	10409.40	0.00	10409.40	0.00	3.97	41314.91	3.97	41314.91
43	**Terrace**	**Cum**		10513.51	0.00	10513.51	0.00		0.00	0.00	0.00
	Qty up to 125%		3.40	10513.51			0.00	3.40	35745.93	3.40	35745.93
	Qty above 125%		2.99	10513.07			0.00	2.99	31484.54	2.99	31484.54
44	Providing Thermo-Mechanically Treated bars of grade Fe-500 or more Steel reinforcement for R.C.C. work including straightening,cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) **Ground Floor&First Floor**	**Kgs**	37174.43	117.60	0.00	117.60	0.00	37174.43	4371712.64	37174.43	4371712.64
45	**Terrace**	**Kgs**	0.00	118.78	0.00	118.78	0.00	0.00	0.00	0.00	0.00
46	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. **8" Block**	**Sqm**		1333.49	0.00	1333.49	0.00		0.00	0.00	0.00
	Qty up to 125%		806.86	1333.49			0.00	806.86	1075943.08	806.86	1075943.08
	Qty above 125%		425.44	1333.44			0.00	425.44	567298.05	425.44	567298.05

Item No	Description of Item of Work	Unit	Boq Qnty	Boq Rate	Previous Measurement			Present Measurement		Total Up do date		Remarks
					Qty	Rate	Amount	Qty	Amount	Qty	Amount	
47	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. **6" Block**	Sqm	0.00	1183.73	0.00	1183.73	0.00	0.00	0.00	0.00	0.00	
48	**Terrace**	Sqm	171.29	1195.57	0.00	1195.57	0.00	171.27	204768.86	171.27	204768.86	
49	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. Extra for Plastering exterior walls of height more than 10m from ground level for every additional height of 3m or part thereof including cost of material, labour, scaffolding etc as per specifications and as per directions of the Engineer-in-charge. **External Wall Plastering Ground Floor**	Sqm	526.35	486.74	0.00	486.74	0.00	526.35	256195.11	526.35	256195.11	
	Terrace	Sqm		491.61	0.00	491.61	0.00		0.00	0.00	0.00	
50	Qty up to 125%		203.80	491.61			0.00	203.80	100190.12	203.80	100190.12	
	Qty above 125%		796.94	491.60			0.00	796.94	391774.23	796.94	391774.23	
51	Providing 15 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. **(Internal Wall Plastering)**	Sqm	1056.49	445.15	0.00	445.15	0.00	1056.49	470297.41	1056.49	470297.41	
52	Providing 12 mm cement plaster finished with a floating coat of neat cement of mix :1:3 (1 cement: 3 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. **(Internal Ceiling)**	Sqm	954.38	391.06	0.00	391.06	0.00	954.38	373219.84	954.38	373219.84	
							Total	**18592140.07**		**58662236.98**		**77254377.04**
							18% GST	**3346585.21**		**10559202.66**		**13905787.87**
							Grand Total	**21938725.28**		**69221439.63**		**91160164.91**

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Certificate:

1 Certified that the contractor has done the work satisfactorly
2 Certified that the debris has been removed from the site
3 Certified that the No dues from the contractor
4 Certified that the above item of the work were not claimed in any other bill

MOHAN KUMAR ★ Class-1 Contractor ★

Contractor

SRI SAI CONSULTANTS

Consultants

Assistant Engineer

Assistant Executive Engineer